

C2. Tank Displacement Rate Calculations / Truck Loading Logs



Sprague Searsport - Residual Loading Rack

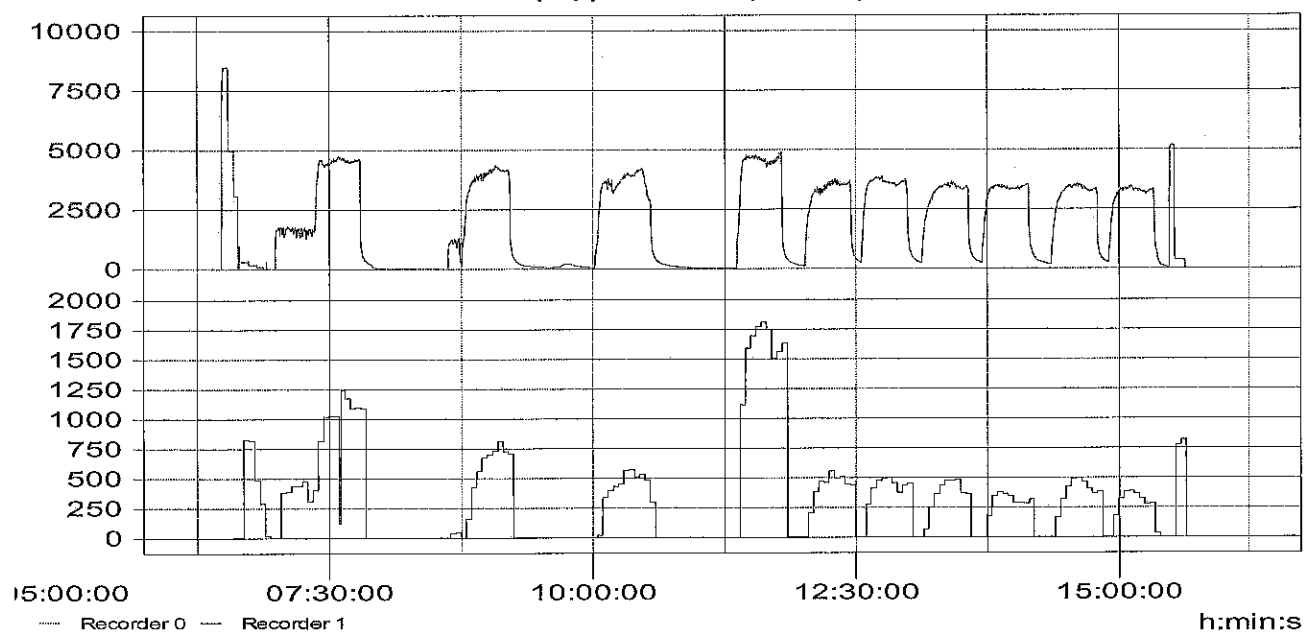
Tank Air Displacement Calculations

31-Jul-12

Truck No.	Start Time	End Time	Load Time (minutes)	Load (gallons)	Fill Rate (gal/hr)	Displacement (scfm)	NMHC (lb/hr)	NMHC (lb/load)	NMHC (Ton/load)
1	7:21	7:46	26	8285	19119	42.6	1.17	0.509	2.54E-04
2	8:47	9:11	25	8291	19898	44.3	1.12	0.468	2.34E-04
3	10:02	10:32	31	8291	16047	35.8	0.83	0.430	2.15E-04
4	11:23	11:46	24	8283	20708	46.1	1.25	0.500	2.50E-04
5	12:02	12:26	25	8291	19898	44.3	0.97	0.406	2.03E-04
6	12:34	12:59	26	8293	19138	42.6	0.99	0.428	2.14E-04
7	13:08	13:33	26	8298	19149	42.7	0.89	0.387	1.93E-04
8	13:43	14:07	25	8293	19903	44.3	0.98	0.407	2.04E-04
9	14:23	14:46	24	8292	20730	46.2	0.99	0.396	1.98E-04
10	14:55	15:19	25	8294	19906	44.3	0.94	0.390	1.95E-04
Average:			26	8291	19450	43.3	1.01	0.432	2.16E-04

Note: One Gallon = 0.13368 cubic feet

THC (top) Methane (bottom)





DEMAND MORE THAN SUPPLY

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429)

Trundy Road

Searsport, ME 04974

7) 548-2531

BILL OF LADING or DELIVERY TICKET

FOR EMERGENCY spill, leak,
fire, exposure or accident,
CALL CHEMTREC: 800-424-9300
DAY or NIGHT

This is to certify that the herein named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to applicable regulations of the D.O.T.

Carrier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity herein described.

Received subject to tariffs or contract in effect this date. Material safety data sheet available upon request.

This Ticket/BOL is subject to correction, special instructions and comments.

SIGNATURE OF DRIVER:

*JOID
EPA TEST*

DATE SIGNED: 07/31/2012

TIME: 07:46:20 AM

DRIVER NAME: Alvin Littlefield

DESTINATION 108101 (50617450)				PO #		
Fmc Corporation						
Crocketts Point Po#4442429				Rockland		ME 04841
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.		TRAILER LICENSE NO.
				00263		T263
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.	CARRIER
3030	46185	07:03:01	07/31/2012	2	7642	H. O. Bouchard
Original		07:39:12				21178
SHIPPER 1 Sprague Operating Resources LLC				CONSIGNEE 50617450		
E.P.A. # 4101				Fmc Corporation		
2 International Drive				Crocketts Point Po#4442429		
Portsmouth NH 03801-6809				Rockland ME 04841		
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP	GRAVITY
FUEL OIL #6, 3, COMBUSTIBLE LIQUID, NA 1993, P.G. III						
620	#6 OIL - 2.0% SULFUR			127.5	10.2	8,502
Penalty for Taxable Use				8,285		
PO #						

**Sprague Operating Resources LLC**

Searsport (E.P.A. # 82429)

Trundy Road

Searsport, ME 04974

(207) 548-2531

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SIGNATURE OF DRIVER: X

DATE SIGNED: 07/31/2012

TIME: 10:00:03 AM

DRIVER NAME: Alvin Littlefield

DESTINATION 999999 (999999999)				PO #	
Sprague Meter Testing				Searsport	
Trundy Road				ME 04974	
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.	
				00263	
				T263	
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.
3030	46187	08:29:07	07/31/2012	2	7642
Original		09:03:17			H. O. Bouchard
					21178
SHIPPER 1 Sprague Operating Resources LLC			CONSIGNEE 999999999		
E.P.A. # 4101			Sprague Meter Testing		
2 International Drive			Trundy Road		
Portsmouth			Searsport		
NH 03801-6809			ME 04974		
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP
FUEL OIL #6, 3, COMBUSTIBLE LIQUID, NA 1993, P.G. III					
620	#6 OIL - 2.0% SULEUR			126.0	10.2
				8,503	8,291
Penalty for Taxable Use					
PO #					



DEMAND MORE THAN SUPPLY

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429)

Trundy Road

Searsport, ME 04974

(207) 548-2531

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SIGNATURE OF DRIVER: X

DATE SIGNED: 07/31/2012

TIME: 02:54:54 PM

DRIVER NAME: Alvin Littlefield

DESTINATION 999999 (99999999)				PO #	
Sprague Meter Testing				Searsport	
Trundy Road				ME 04974	
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.	
				00263	
				TRAILER LICENSE NO.	
				T263	
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.
3030	46190	09:52:33	07/31/2012	2	7642
Original		10:20:02			H. O. Bouchard
				21178	
SHIPPER 1 Sprague Operating Resources LLC				CONSIGNEE 99999999	
E.P.A. # 4101				Sprague Meter Testing	
2 International Drive				Trundy Road	
Portsmouth NH 03801-6809				Searsport ME 04974	
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP
FUEL OIL #6, 3, COMBUSTIBLE LIQUID, NA 1993, P.G. III					
620	#6 OIL - 2.0% SULFUR			125.4	10.2
				GROSS GALLONS	NET GALLONS
				8,501	8,291
Penalty for Taxable Use					
PO #					

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Searsport (E.P.A. # 82429)
Trundy Road
Searsport, ME 04974
(207) 548-2531

BILL OF LADING or DELIVERY TICKET

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SIGNATURE OF DRIVER: _____

DATE SIGNED: 07/31/2012

TIME: 02:55:46 PM

DRIVER NAME: Ted Drew

DESTINATION 999999 (999999999)				PO #				
Sprague Meter Testing				Searsport		ME 04974		
Trundy Road								
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.		TRAILER LICENSE NO.		
				00059		28313		
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.	CARRIER		
3030	46191	11:13:02	07/31/2012	2	7517	H. O. Bouchard		
Original		11:38:55				21178		
SHIPPER 1 Sprague Operating Resources LLC				CONSIGNEE 999999999				
E.P.A. # 4101				Sprague Meter Testing				
2 International Drive				Trundy Road				
Portsmouth NH 03801-6809				Searsport ME 04974				
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS
FUEL OIL #6, 3,	COMBUSTIBLE LIQUID, NA 1993, P.G. III							
620	#6 OIL - 2.0% SULFUR				128.0	10.2	8,502	8,283
Penalty for Taxable Use								
PO # _____								



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Sprague Operating Resources LLC

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Trundy Road

Searsport, ME 04974

(7) 548-2531

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DAY or NIGHT

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upon request.

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SIGNATURE OF DRIVER: _____

DATE SIGNED: 07/31/2012

TIME: 02:54:38 PM

DRIVER NAME: Alvin Littlefield

DESTINATION 999999 (999999999)				PO #				
Sprague Meter Testing				Searsport				
Trundy Road				ME 04974				
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.		TRAILER LICENSE NO.		
				00263		T263		
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.	CARRIER		
3030	46192	11:51:30	07/31/2012	2	7642	H. O. Bouchard		
Original		12:18:21				21178		
SHIPPER 1 Sprague Operating Resources LLC				CONSIGNEE 99999999				
E.P.A. # 4101				Sprague Meter Testing				
2 International Drive				Trundy Road				
Portsmouth NH 03801-6809				Searsport ME 04974				
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS
FUEL OIL #6, 3,	COMBUSTIBLE LIQUID, NA 1993, P.G. III							
620	#6 OIL - 2.0% SULFUR				125.4	10.2	8,501	8,291
Penalty for Taxable Use								
PO # _____								

**Sprague Operating Resources LLC**

Searsport (E.P.A. # 82429)
Trundy Road
Searsport, ME 04974
(207) 548-2531

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SIGNATURE OF DRIVER: _____

DATE SIGNED: 07/31/2012

TIME: 02:55:30 PM

DRIVER NAME: Ted Drew

DESTINATION 999999 (99999999)
Sprague Meter Testing
Trundy Road

PO #

Searsport

ME 04974

TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.		TRAILER LICENSE NO.
				00059		28313
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.	CARRIER
3030	46193	12:24:15	07/31/2012	2	7517	H. O. Bouchard
Original		12:58:31				21178

SHIPPER 1 Sprague Operating Resources LLC
E.P.A. # 4101
2 International Drive
Portsmouth NH 03801-6809

CONSIGNEE 999999999
Sprague Meter Testing
Trundy Road
Searsport ME 04974

PRODUCT CODE	PRODUCT DESCRIPTION	OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS
FUEL OIL #6, 3, COMBUSTIBLE LIQUID, NA 1993, P.G. III						
620	#6 OIL - 2.0% SULFUR		124.8	10.2	8,501	8,293

Penalty for Taxable Use

PO # _____

**Sprague Operating Resources LLC**

Searsport (E.P.A. # 82429)

Trundy Road

Searsport, ME 04974

(77) 548-2531

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SIGNATURE OF DRIVER: X

DATE SIGNED: 07/31/2012

TIME: 02:54:10 PM

DRIVER NAME: Alvin Littlefield

DESTINATION 999999 (999999999)				PO #	
Sprague Meter Testing				Searsport	
Trundy Road				ME 04974	
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.	
				00263	
				T263	
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.
3030	46195	12:58:49	07/31/2012	2	7642
Original		13:25:19			H. O. Bouchard
				21178	
SHIPPER 1 Sprague Operating Resources LLC				CONSIGNEE 99999999	
E.P.A. # 4101				Sprague Meter Testing	
2 International Drive				Trundy Road	
Portsmouth NH 03801-6809				Searsport ME 04974	
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP
FUEL OIL #6, 3, COMBUSTIBLE LIQUID, NA 1993, P.G. III					
620	#6 OIL - 2.0% SULFUR			123.5	10.2
				8,502	8,298
Penalty for Taxable Use					
PO #					



Searsport (E.P.A. # 82429)

Searsport, ME 04974

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SIGNATURE OF DRIVER:

DATE SIGNED: 07/31/2012

TIME: 02:55:14 PM

DRIVER NAME: Ted Drew

DESTINATION 999999 (999999999)					PO #				
Sprague Meter Testing Trundy Road					Searsport ME 04974				
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.		TRAILER LICENSE NO.			
				00059		28313			
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.	CARRIER			
3030	46196	13:33:01	07/31/2012	2	7517	H. O. Bouchard			
Original		13:59:41				21178			
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809					CONSIGNEE 99999999 Sprague Meter Testing Trundy Road Searsport ME 04974				
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS	
FUEL OIL #6, 3,	COMBUSTIBLE LIQUID, NA 1993, P.G. III								
620	#6 OIL - 2.0% SULFUR				125.0	10.2	8,502	8,292	
Penalty for Taxable Use									
PO #									



77) 548-2531

This Ticket/BOL is subject to correction, special instructions and comments.

SIGNATURE OF DRIVER:

TIME: 02:53:51 PM

DRIVER NAME: Alvin Littlefield

Penalty for Taxable Use
PO #

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(07) 548-2531

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SIGNATURE OF DRIVER: _____

X

DATE SIGNED: 07/31/2012

TIME: 03:11:23 PM

DRIVER NAME: Ted Drew

DESTINATION 999999 (99999999)				PO #	
Sprague Meter Testing				Searsport	
Trundy Road				ME 04974	
TRUCK NO.		TRUCK LICENSE NO.		TRAILER NO.	
				00059	
				TRAILER LICENSE NO.	
				28313	
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.
3030	46198	14:45:00	07/31/2012	2	7517
Original		15:11:13			H. O. Bouchard
					21178
SHIPPER 1 Sprague Operating Resources LLC				CONSIGNEE 99999999	
E.P.A. # 4101				Sprague Meter Testing	
2 International Drive				Trundy Road	
Portsmouth NH 03801-6809				Searsport	
				ME 04974	
PRODUCT CODE	PRODUCT DESCRIPTION			OCT.	TEMP
FUEL OIL #6, 3,	COMBUSTIBLE LIQUID, NA 1993, P.G. III			GRAVITY	GROSS GALLONS
620	#6 OIL - 2.0% SULFUR			NET GALLONS	
				124.6	10.2
				8,502	8,294
Penalty for Taxable Use					
PO # _____					